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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/070,720	05/31/2002	Hans Linder	P 290739	2846

909 7590 08/05/2003

PILLSBURY WINTHROP, LLP  
P.O. BOX 10500  
MCLEAN, VA 22102

EXAMINER
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LUEBKE, RENEE S

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 08/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/070,720

Applicant(s)

LINDER &amp; BORG

Examiner

Renee S. Luebke

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 May 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: assignment record.

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1. In regard to applicant's communication of December 10, 2002, please note that the assignment in this application is correct. Enclosed is a copy of the record showing ABB AB as the assignee.

2. This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

3. The disclosure and drawings are objected to because of the following informalities:

a. Figs. 3 and 6 appear to actually be three figures each and they should be indicated and described accordingly throughout the application.

b. Fig. 4 appears to actually be two figures and should be indicated and described accordingly throughout the application. In addition, applicant is reminded that separate figures should not be linked.

c. Reference numeral 16 (page 3, line 31) is not found in the drawings.

Appropriate corrections are required.

4. The following is a quotation of the first and second paragraphs of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. The specification is objected to as failing to clearly describe an operable device that performs the intended interlocking method. For example, the specification states that indication of interlocking is shown "by the lighting of a

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green lamp on the external surface of the actuator and by the pointing towards a green field of a mechanical arrow" (page 3, lines 28-31). However, no lamp is shown; there is no disclosure as to what triggers the lamp; although 70 is stated to be a mechanical arrow, this reference numeral merely shows an area on the sketch (Fig. 2) of the linkage system; and there is no suggestion as to how the arrow is made to indicate a selected situation. Further, the application fails to indicate how the various parts operate or interrelate. The *Detailed Description* appears to be merely a brief discussion of a collection of parts and a broad statement of the goals of the invention. Even one familiar with the art (such as this examiner) would be unable to make and use a device based on the disclosure of this application.

6. Claims 1-16 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claims contains subject matter which was not described in the application in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. As noted above, the application fails to indicate how the device is assembled, arranged, etc. in order to operate as claimed. Further, claim 1 is directed to a method for interlocking, yet no method steps are recited. Claim 15, the only apparatus claim, fails to include sufficient structure to suggest an operable device.

7. **Any response to this action may be mailed to:**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

For additional information regarding this new address, which was effective May 1, 2003, see *Correspondence with the United States Patent and Trademark Office*, 68 Fed. Reg. 14332 (March 25, 2003).

**or faxed to:**

(703) 872-9318 or 308-7722 or 308-7724

(informal or draft communications should be clearly labeled "PROPOSED" or "DRAFT")

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**Hand-delivered responses** should be brought to:  
Crystal Plaza 4, Fourth Floor (Receptionist)  
2201 South Clark Place, Arlington, Virginia.

8. Any inquiry concerning this communication from the examiner should be directed to Mrs. Renee Luebke whose telephone number is (703) 308-1511.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mrs. Paula Bradley, can be reached at (703) 308-2319.



Renee S. Luebke  
Primary Patent Examiner  
July 25, 2003

# Patent Assignment Abstract of Title

## Total Assignments: 1

**Application #:** 10070720 **Filing Dt:** 05/31/2002

**Patent #:** NONE **Issue Dt:**

**PCT #:** NONE

**Publication #:** NONE **Pub Dt:**

**Inventors:** Hans Linder, Ulf Borg

**Title:** Method and device for interlocking

## Assignment: 1

**Reel/Frame:** 013092/0063 **Received:** 07/22/2002 **Recorded:** 05/31/2002 **Mailed:** 09/17/2002 **Pages:** 2

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** LINDER, HANS  
BORG, ULF

**Exec Dt:** 04/05/2002

**Exec Dt:** 04/05/2002

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Search Results as of: 7/24/2003 2:46:59 P.M.

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If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723  
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